

TRAFFIC CONTROL PLAN

For

JORGENSEN FORGE EARLY ACTION AREA REMEDIATION PROJECT

CONTRACT NO. XXXXX

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FIGURES

Figure 1 – Haul Route & Signage

Appendix H: Traffic Control Plan

1.0 Introduction

Jorgensen Forge is an operating facility that manufactures precision machine forgings from material grades that include carbon, steel, aluminum, titanium, and nickel based alloys. The facility has been operated by the Jorgensen Forge Corporation (Jorgensen Forge) since 1992 and was previously managed by the Earl M. Jorgensen Corporation (EMJ) from 1965 to 1992. In 1992, the United States Environmental Protection Agency (USEPA) placed the Lower Duwamish Waterway on the National Priorities List (NPL) and the Jorgensen Forge shoreline was included. Sampling activities to determine the extents of impacted sediments began in 2003. The results of the investigations concluded shoreline and bank soil and sediment along the Jorgensen Forge property contained elevated concentrations of PCBs that present a risk to human health. A final Engineering Evaluation/Corrective Action was approved by the USEPA in 2011 leading to the preparation of a Basis of Design Report for the Jorgensen Forge Early Action Area in March 2013 by Anchor QEA, LLC. (Anchor) on behalf of EMJ and Jorgensen Forge. A Bid Specification package and Design Drawings for the Early Action Area Remedial Action were prepared by Anchor and Envirocon was solicited to provide a proposal for completing the removal action.

This Traffic Control Plan has been prepared by Envirocon for the Jorgensen Forge Early Action Area Project and is included as Appendix H to the Project Work Plan (which will be attached to the RAWP).

2.0 Purpose and Objectives of the Traffic Control Plan

This document establishes how Envirocon will implement plans for protecting and controlling pedestrian and vehicular traffic during construction operations. The Traffic Control Plan shall indicate:

- Any traffic control issues on nearby rights of way (e.g., if temporary lane closures or traffic lights are needed for trucks entering and leaving the site).
- On-site traffic and pedestrian control measures, including coordination of haul routes on the Jorgensen Forge site.
- All site access and security measures.

3.0 Haul Route - Right-of-Way/Site Access Points and Controls

Due to the location of the project work along the shoreline there is one route available to access the work zone, shown on *Figure 1*. As a result, construction traffic will share the road with Jorgenson Forge vehicle and pedestrian traffic. The construction haul road has been identified as a two-way construction access road. The route begins on East Marginal Way South, proceeds west through the Jorgenson Forge main gate, and goes north around the northeast corner of the Jorgenson Forge Shop Building before proceeding west towards the waterway shoreline. The work zone is located on the west side of the Jorgenson Forge property. As shown on

Figure 1, the work zone will be enclosed using temporary security fencing with access gates provided in two (2) locations. A security Kiosk/Engineers office will be located near the work zone access gates to control truck access and flow and protect plant workers from entering the work zone.

Envirocon understands Security is critical at the Jorgenson Forge Facility. All Envirocon employees and subcontractors working on this project shall be trained on and adhere to the Security Plan in place at the Jorgenson Forge Facility. Employees will be badged and construction vehicles used in the performance of the work shall be permitted and cleared prior to arrival at site. Employees and Subcontractors will have the permit displayed in the front window and their badge ready to show the guard at the Jorgenson main gate. Envirocon will provide training on this plan to its employees and subcontractors. To ensure Envirocon employees, subcontractor's employees, delivery trucks, haul trucks, and other vehicles in support of the project use only those entrances and roadways so designated. Envirocon will post signage clearly along the haul route as shown on attached *Figure 1*. Envirocon will provide clear direction to its employees informing them they are only permitted in the established work areas. Parking or turning off the haul road prior to entrance into the work site or exiting the Jorgenson plant is strictly prohibited, unless approved by the Engineer.

4.0 Visitors, Site Deliveries, or Waste Removal Services

Envirocon will from time to time have vendor deliveries or pick-ups. The vendors, along with other visitors will be required to adhere to the security procedures required by Jorgenson Forge. All visitors entering the site on behalf of Envirocon will have the appropriate safety training for the work they will perform and will be citizens of the United States. Envirocon will coordinate with Jorgenson Forge should a non-U.S. citizens require entrance to the site. Envirocon will coordinate with Jorgenson Forge to ensure the non-U.S. citizen is escorted at all times. Envirocon will coordinate with the Engineer, to schedule deliveries of materials or hauling of waste from site. This coordination will include providing the vendor name and time of delivery or pick-up.

5.0 Traffic Control and Safety

Due to the fact that construction traffic will share the roadway with regular Jorgenson Forge traffic, signage will be used to increase driver awareness. Signs will be placed strategically at dock loading doors, open bays with fork lifts regularly exiting the forge buildings, and pedestrian entrance points to buildings to inform equipment operators, motorists, and pedestrians of truck and equipment traffic. The signs and their placement can be seen on *Figure 1*. Additionally, on East Marginal Way, signs will be placed to warn of slow trucks entering and leaving the roadway. Any additional traffic control measures outside Envirocon's work zone will be performed and directed by either the material off-haul contractor or the Client Group.

On-site driving speeds are 10 miles per hour and shall be adhered to at all times. Any driver found exceeded the speed limit will receive one warning and a second violation will cause removal from the site.



6.0 Pedestrian Safety

The haul route for the work to be completed travels through an area of high foot traffic. As a result, signage will be placed to inform pedestrians of truck and equipment traffic at crosswalks and building exits. To protect pedestrians from work activities, a construction fence will be installed to keep them from accessing the site. For details and placement of pedestrian signage and construction fencing see *Figure 1*.

7.0 Construction Traffic Hours of Operation

Access to the work area using the haul route will be primarily during the daytime. However, if necessary, export of excavated materials may occur during the night. This may be necessary to adhere to the overall work schedule.

Envirocon will coordinate with Jorgenson Forge to determine shift change time frames. During the shift change time frames Envirocon will limit traffic into the work zone.



